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(71) Applicant *(for all designated States except US)*: **MERCK PATENT GMBH** [DE/DE]; Frankfurter Str. 250, D-64293 Darmstadt (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SÜNDERMANN, Britta** [DE/DE]; Weinbergstrasse 6a, D-64285 Darmstadt (DE). **HOFMANN, Uwe** [DE/DE]; Hähnleinerstr. 42, D-64665 Alsbach (DE). **MATZKU, Siegfried** [DE/DE]; Wetzbach 24, D-64673 Zwingenberg (DE). **WILBERT, Oliver** [DE/DE]; Liebfrauenstrasse 54, D-64289 Darmstadt (DE).

(74) Common Representative: **MERCK PATENT GMBH**; Frankfurter Str. 250, D-64293 Darmstadt (DE).

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25 May 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/04141 A3

(54) Title: SERIPANCRIN

(57) Abstract: Seripancrin polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing Seripancrin polypeptides and polynucleotides in diagnostic assays.

N 35

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	**FOR FURTHER ACTION**	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
0099326-wsgs		
International application No.	International filing date *(day/month/year)*	(Earliest) Priority Date *(day/month/year)*
PCT/EP 00/06211	04/07/2000	12/07/1999
Applicant		
MERCK PATENT GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

[X] It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

 a. With regard to the **language,** the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

 [] the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

 b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

 [X] contained in the international application in written form.

 [X] filed together with the international application in computer readable form.

 [] furnished subsequently to this Authority in written form.

 [] furnished subsequently to this Authority in computer readble form.

 [] the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

 [] the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. [] **Certain claims were found unsearchable** (See Box I).

3. [] **Unity of invention is lacking** (see Box II).

4. With regard to the **title,**

 [X] the text is approved as submitted by the applicant.

 [] the text has been established by this Authority to read as follows:

5. With regard to the **abstract,**

 [X] the text is approved as submitted by the applicant.

 [] the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. _____

 [] as suggested by the applicant.

 [] because the applicant failed to suggest a figure.

 [] because this figure better characterizes the invention.

 [X] None of the figures.

INTERNATIONAL SEARCH REPORT

Int[redacted] Application No
PCT/[redacted]00/06211

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/57 C12N9/64 C12N15/11 C12N15/10 C07K19/00
C07K16/40 C12Q1/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, EMBL, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PAOLONI-GIACOBINO A ET AL: "CLONING OF THE TMPRSS2 GENE, WHICH ENCODES A NOVEL SERINE PROTEASE WITH TRANSMEMBRANE, LDLRA, AND SRCR DOMAINS AND MAPS TO 21Q22.3" GENOMICS,US,ACADEMIC PRESS, SAN DIEGO, vol. 44, no. 3, 15 September 1997 (1997-09-15), pages 309-320, XP000856785 ISSN: 0888-7543 cited in the application the whole document ---	1-11
A	JP 09 149790 A (SUNTORY LTD) 10 June 1997 (1997-06-10) the whole document ---	1-11

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
15 February 2001	22/02/2001

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Gurdjian, D

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

Int[redacted] Application No
PCT/[redacted] 00/06211

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 99 36550 A (INCYTE PHARMA INC ;CORLEY NEIL C (US); YUE HENRY (US); BANDMAN OLG) 22 July 1999 (1999-07-22) abstract; claims 1-23; figures SEQ.ID6,18 ---	1-8,10, 11
P,X	WO 00 12758 A (RECIPON HERVE ;DIADEXUS LLC (US); SALCEDA SUSANA (US); SUN YONGMIN) 9 March 2000 (2000-03-09) abstract; claims 2-13; figure SEQ.ID.2 ---	1-8,10, 11
P,X	WO 00 12708 A (BAKER KEVIN ;GENENTECH INC (US); GODDARD AUDREY (US); GURNEY AUSTI) 9 March 2000 (2000-03-09) abstract; claims 1-27; figures 155,,SEQ,ID.274, -----	1-8,10

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte[redacted] Application No
PCT/[redacted]00/06211

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 09149790 A	10-06-1997	NONE	
WO 9936550 A	22-07-1999	AU 2113599 A	02-08-1999
		EP 1045913 A	25-10-2000
WO 0012758 A	09-03-2000	NONE	
WO 0012708 A	09-03-2000	AU 5590899 A	21-03-2000
		AU 6041399 A	10-04-2000
		WO 0017353 A	30-03-2000